

Title (en)
ELECTRODE ASSEMBLY FOR NERVE CONTROL

Title (de)
ELEKTRODEN-ANORDNUNG FÜR DIE NERVENKONTROLLE

Title (fr)
JEU D'ELECTRODES DESTINE A LA STIMULATION D'UN NERF

Publication
EP 1545693 B1 20151007 (EN)

Application
EP 03723040 A 20030523

Priority
• IL 0300430 W 20030523
• US 38315702 P 20020523
• US 20547402 A 20020724

Abstract (en)
[origin: US2003050677A1] Apparatus is provided for applying current to a nerve. A cathode is adapted to be placed in a vicinity of a cathodic longitudinal site of the nerve and to apply a cathodic current to the nerve. A primary inhibiting anode is adapted to be placed in a vicinity of a primary anodal longitudinal site of the nerve and to apply a primary anodal current to the nerve. A secondary inhibiting anode is adapted to be placed in a vicinity of a secondary anodal longitudinal site of the nerve and to apply a secondary anodal current to the nerve, the secondary anodal longitudinal site being closer to the primary anodal longitudinal site than to the cathodic longitudinal site.

IPC 8 full level
A61N 1/05 (2006.01); **A61N 1/34** (2006.01); **A61N 1/36** (2006.01); **A61N 1/362** (2006.01)

IPC 8 main group level
A61N (2006.01)

CPC (source: EP US)
A61N 1/0551 (2013.01 - EP US); **A61N 1/0556** (2013.01 - EP US); **A61N 1/36007** (2013.01 - EP US); **A61N 1/36071** (2013.01 - EP US); **A61N 1/36114** (2013.01 - EP US)

Citation (examination)
US 4628942 A 19861216 - SWEENEY JAMES D [US], et al

Cited by
US11253712B2; US9943686B2; US11273307B2; US10814137B2; US10751537B2; US10052097B2; US10716560B2; US11730469B2; US9643022B2; US10512782B2; US11298549B2; US11642534B2; US9849289B2; US9855032B2; US9950166B2; US10716940B2; US10898717B2; US10918376B2; US11857791B2

Designated contracting state (EPC)
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DOCDB simple family (application)
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